## **DESCRIPTION**

Control Device, Communication Device for Control, Relay Device, Control System, Control Method, Control Program to Realize Control Method Thereof, and Computer-Readable Recording Medium Having Program Thereof Recorded

## Technical Field

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The present invention relates to a control device controlling an appliance, a communication device for control, a relay device, a control system, a control method, a control program to realize that control method, and a computer-readable recording medium having that program recorded. Particularly, the present invention relates to a control device for remote-controlling and monitoring, as necessary, electrical household appliances through radio communication and the like, a communication device for control, a relay device, a control system, a control method, a control program to realize that control method, and a computer-readable recording medium having that program recorded.

## Background Art

Conventionally, air conditioners are controlled by operating an ancillary remote controller. The user operates the button on the remote controller, whereby information of controlling the air conditioner is transmitted to the air conditioner main unit through infrared communication. The air conditioner main unit initiates an operation upon receiving the control information. The air conditioner main unit notifies the user of receiving control information by sounding a beep or the like. Whether the appliance is operating as desired or not is confirmed visually. This may also be confirmed by the beeping sound from the appliance. Such confirmation is allowed since the user controls the appliance within the coverage of the signal under infrared communication. In other words, the user can conduct remote-control of the appliance only in the range